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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/810,310
Filing Date	March 14, 2001
First Named Inventor	Khleif, Samir N.
Group Art Unit	1644
Examiner Name	M. Dibrino
Attorney Docket Number	015280-415100US

Total Number of Pages in This Submission

1

### ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form
  - ☐ Fee Attached
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  - ☐ After Final
  - ☐ Affidavits/declaration(s)
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- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
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- ☐ Response to Missing Parts/Incomplete Application
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- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
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- ☐ Terminal Disclaimer
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- ☐ CD, Number of CD(s)

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below):  
Form PTO-1449; References: AA-DC; Return Postcard

Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Brian W. Poor	Reg. No. 32,928
Signature	<i>Brian W. Poor</i>	
Date	31 January 2003	

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Gp/1644

PATENT  
Attorney Docket No. 015280-415100US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of:

Samir Khleif *et al.*

Application No.: 09/810,310

Filed: March 14, 2001

For: METHODS AND COMPOSITIONS  
FOR CO-STIMULATION OF  
IMMUNOLOGICAL RESPONSES  
TO PEPTIDE ANTIGENS

Examiner: M. Dibrino

Art Unit: 1644

**INFORMATION DISCLOSURE  
STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

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Dear Sir:

Applicants direct the Examiner's attention to the references below, also listed on the accompanying Form PTO-1449. A copy of each is also enclosed.

The following U.S. Patents are set forth below by issue date.

AA. U.S. Patent No. 4,599,230, issued on July 8, 1986 to Milich *et al.*

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AC. U.S. Patent No. 5,861,310, issued on January 19, 1999 to Freeman *et al.*

AD. U.S. Patent No. 5,866,553, issued on February 2, 1999 to Donnelly *et al.*

AE. U.S. Patent No. 5,942,607, issued on August 24, 1999 to Freeman *et al.*

The following foreign patent publications are set forth by approximate publication date:

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AG. Acsadi *et al.*, "Human dystrophin expression in mdx mice after intramuscular injection of DNA constructs," *Nature* 352:815-818 (1991)

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DA. Wingren *et al.*, "T cell activation pathways: B7, LFA-3, and ICAM-1 shape unique T cell profiles," *Crit. Rev. Immunol.* 15:235-253 (1995)

DB. Wolff *et al.*, "Direct gene transfer into mouse muscle in vivo," *Science* 247:1465-1468 (1990)

DC. Young *et al.*, "The B7/BB1 antigen provides one of several costimulatory signals for the activation of CD4<sup>+</sup> T lymphocytes by human blood dendritic cells in vitro," *J. Clin. Invest.* 90:229-237 (1992)

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Applicants believe that their invention as claimed is patentable over the above references taken alone or in any combination. However, Applicants reserve the right to demonstrate that their claimed invention was made prior to any one or more of the above-identified references. No inference should be drawn as to the pertinence of the references based on the order in which they are presented.

Applicants respectfully request that the Examiner review the foregoing references to make her own determination of the patentability of the present invention and that the references be made of record in the file of this application.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action and after three months of the filing date, but prior to the Notice of Allowance or Final Office Action.

#### CERTIFICATION

I hereby certify that no item of information in the information disclosure statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in Section 1.56(c) more than three months prior to the filing of this information disclosure statement.



Although no fee is believed to be due, the Commissioner is hereby authorized to charge any fees necessitated by this transmittal to Townsend and Townsend Deposit Account No. 20-1430.

Respectfully submitted,

Dated: 31 January 2003 By: Brian W. Poor  
Brian W. Poor  
Reg. No. 32,928

TOWNSEND and TOWNSEND and CREW LLP  
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FORM PTO-1449 (Modified)				Attorney Docket No.: 015280-415100US		Application No.: 09/810,310	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant: Samir Khleif <i>et al.</i>			
				Filing Date: March 14, 2001		Group: 1644	
Reference Designation				U.S. PATENT DOCUMENTS		Page 1 of 1	
Examiner Initial		Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
	AA.	4,599,230	July 8, 1986	Milich <i>et al.</i>			
	AB.	4,599,231	July 8, 1986	Milich <i>et al.</i>			
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	AE.	5,942,607	Aug. 24, 1999	Freeman <i>et al.</i>			
FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
	AF.	90/11092	Oct. 4, 1990	WO			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AG.	Acsadi <i>et al.</i> , "Human dystrophin expression in mdx mice after intramuscular injection of DNA constructs," <i>Nature</i> 352:815-818 (1991)					
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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION AND DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Samir Khleif <i>et al.</i>	
		Filing Date: March 14, 2001	Group: 1644

  

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